

Flood  
Information  
Map

STEPHENVILLE



STEPHENVILLE  
FLOOD INFORMATION MAP

This map is a *Public Information Document* and is to be used for general reference only. The information is based on Flood Risk Map for **Stephenville**.

Copies of this map and information on the Flood Damage Reduction Program may be obtained from:

Flood Damage Reduction Program  
c/o Water Resources Management Division  
Department of Environment & Labour  
P.O. Box 8700  
St. John's, Newfoundland  
A1B 4J6

Flood Damage Reduction Program  
c/o Environmental Conservation Branch  
Environment Canada  
4th Floor, Queen Square,  
45 Alderney Drive  
Dartmouth, Nova Scotia  
B2Y 2N6

The designated flood risk maps are suitable for use by elected officials, land use planners, builders and newcomers seeking home or business locations. They may be viewed at the Town Council Office in Stephenville or at Department of Environment and Labour offices in St. John's, or Corner Brook.

Canada - Newfoundland  
Flood Damage Reduction Program

Other Flood Information Maps

- |                       |                   |
|-----------------------|-------------------|
| Bishop's Falls        | Carbonear         |
| Codroy Valley         | Goulds            |
| Cox's Cove            | Hant's Harbour    |
| Deer Lake             | Hart's Delight    |
| Glenwood/Appleton     | Hodge's Cove      |
| Parson's Pond         | Hickman's Harbour |
| Placentia             | Kippens           |
| Rushoon               | Logy Bay          |
| Rushy Pond            | Ferryland         |
| Steady Brook          | Petty Harbour     |
| Stephenville          | Salmon Cove       |
| Stephenville Crossing | Shoal Harbour     |
| Trout River           | Whitbourne        |
| Waterford River       | Winterton         |
|                       | Victoria          |

Copies of the designated Flood Risk Maps may be ordered for a nominal fee from:

Department of Government Services  
and Lands  
Surveys and Mapping Division  
Howley Building, Higgins Line  
P.O. Box 8700  
St. John's, NF, A1B 4J6

# FLOOD INFORMATION MAP

## FLOOD ZONES

### FLOODING IN STEPHENVILLE

Flooding causes damage to personal property, disrupts the lives of individuals and communities, and can be a threat to life itself. Continuing development of flood plain increases these risks. The governments of Canada and Newfoundland and Labrador are sometimes asked to compensate property owners for damage by floods or are expected to find solutions to these problems.

The residents of Stephenville have experienced many floods over the past 30 years. These floods have been caused by heavy rainfall sometimes accompanied by snowmelt. Ice and debris jams at the many culvert and bridge crossings have worsened the damage.

In December 1990, heavy rain and snowmelt caused wide spread damage on the West coast of Newfoundland. Two bridges and several culvert crossings in Stephenville were destroyed. Long sections of the banks of Blanche Brook were also eroded. In addition to the direct damages to replace the bridges and culverts, several hundred thousand dollars were spent in remedial works along Blanche Brook.

### STEPHENVILLE NEWFOUNDLAND

Legend

- Normal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone

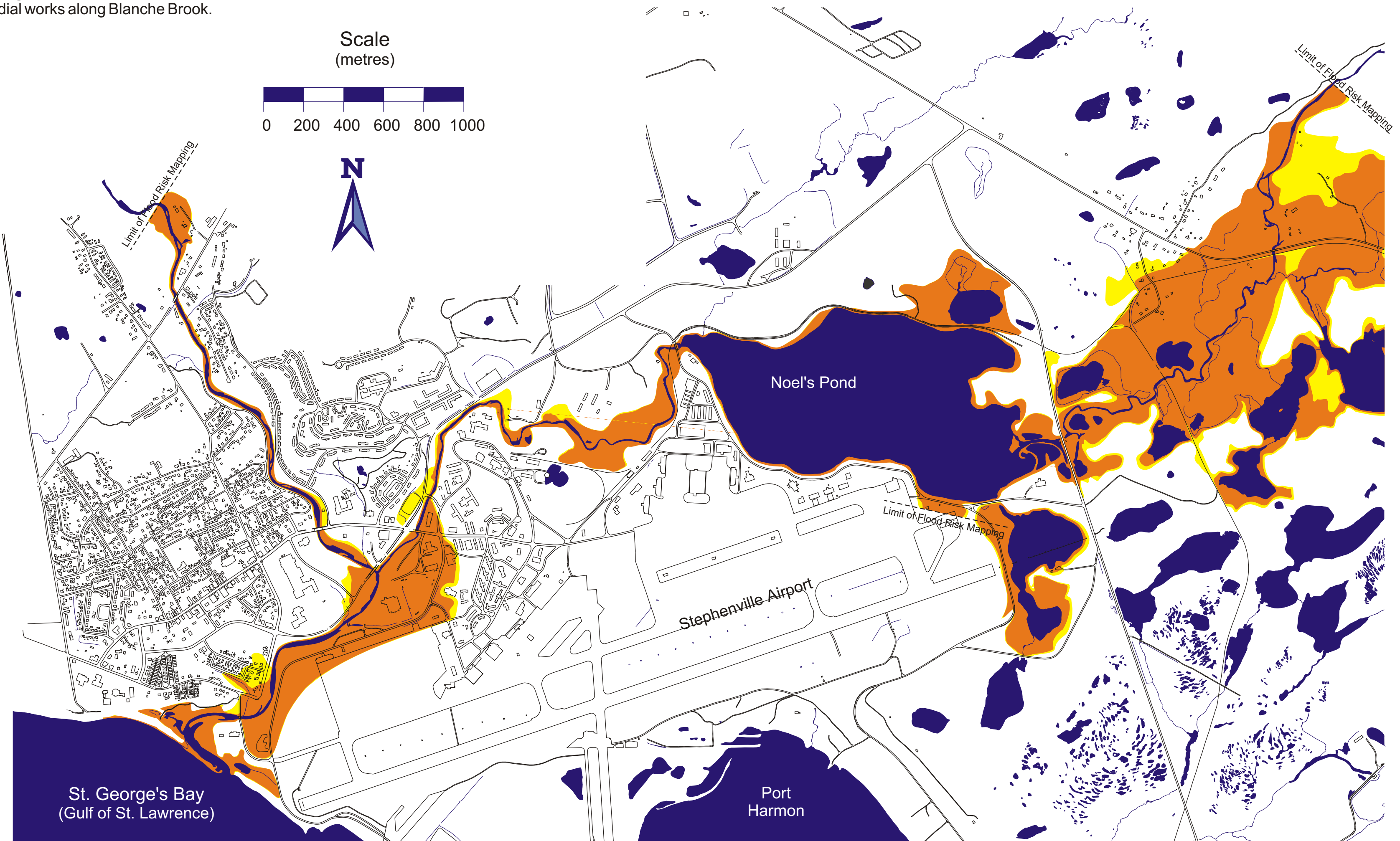
A "designated floodway" (1:20 flood zone) is the area subject to the most frequent flooding.

A "designated floodway fringe" (1:100 year flood zone) constitutes the remainder of the flood risk area. This area generally receives less damage from flooding.

No building or structure should be erected in the "designated floodway" since extensive damage may result from deeper and more swiftly flowing waters. However, it is often desirable, and may be acceptable, to use land in this area for agricultural or recreational purposes.

Within the "floodway fringe" a building, or an alteration to an existing building, should receive flood proofing measures. A variety of these may be used, e.g.. the placing of a dyke around the building, the construction of a building on raised land, or by the special design of a building.

Buildings erected prior to the designation of these two areas may still be eligible for flood damage compensation.



Environment Canada  
Environmental Conservation Branch



Newfoundland Department  
of Environment & Labour  
Water Resources Management Division